



Made in Italy
Since 1968
UPS
batteries
Italian technology
Global energy
solutions

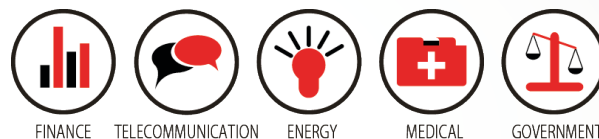


IST3

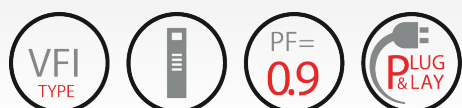
SERIES

1 - 3 kVA

ONLINE UPS



FINANCE TELECOMMUNICATION ENERGY MEDICAL GOVERNMENT



DETAILS

The new series of Uninterruptible Power Supply IST3 are composed by a huge range of On-Line Double Conversion models, completely digital controlled, suitable to protect different kind of loads, from servers to computers networks, from medical instruments to security and surveillance systems.

- Online double conversion with outgoing cosphi of 0.9
- Wide input voltage tolerance
- Start by batteries
- Digital control batteries
- Cooling fans at a controlled rate
- EMI/RFI
- RS232 port for monitoring software

- Cooling fans at a controlled rate
- Auto Electronics Protection
- Filter for network / fax / modem
- LCD display complete with all the information
- Automatic battery testing
- Lightning and HF interference
- PFC technology for harmonic low input

Guaranteed Protection

Thanks to the availability of additional battery chargers, the backup time of the IST3 UPS may be extended up to 4 hours.

The models can be connected in active and redundant parallel configuration, without any additional hardware or modification.

It is possible to interface the UPS to protected computer, through a software and its own serial/USB cable (standard) or to intra-internet networks through a SNMP agent (optional).

Italy
AEC International Srl
20017 Rho (MI), ITALY
Tel: +39 0291531689



USA
Impact Power Inc.
Irvine, California 92614, USA
Tel: +1 949-4779198



Taiwan
Allis Electric Co.Ltd
Taipei City 11501, Taiwan, R.O.C.
Tel: +866-2-26553456





Front panel

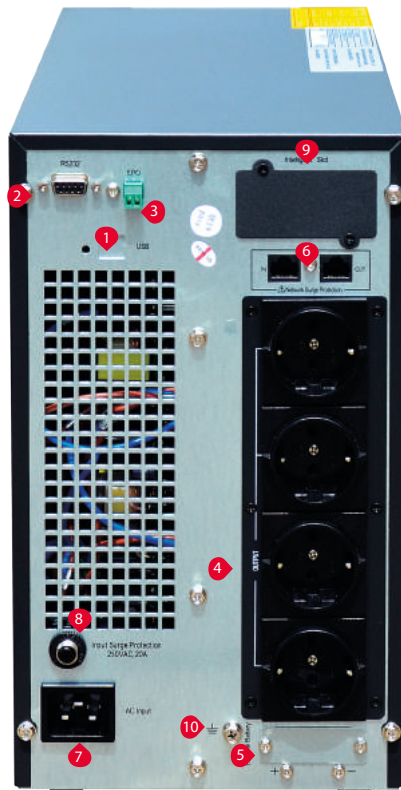


IST3 1kVA

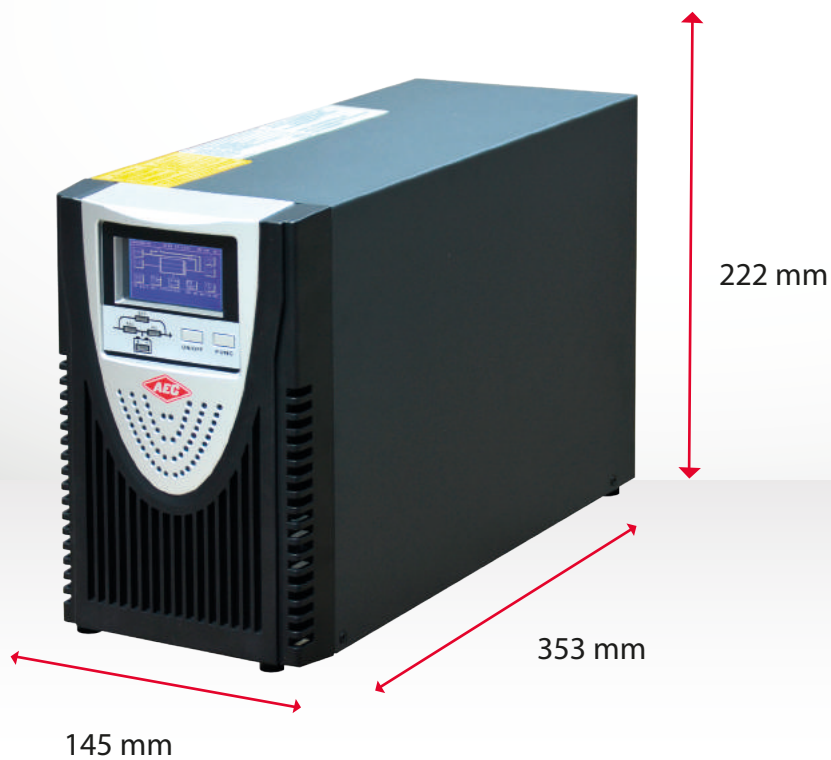
- 1. USB
- 2. RS232
- 3. EPO
- 4. Output
- 5. External battery slot
- 6. Network surge protection
- 7. Input
- 8. Input surge protection
- 9. Intelligent slot
- 10. Ground

IST3 2-3kVA

- 1. USB
- 2. RS232
- 3. EPO
- 4. Output
- 5. External battery slot
- 6. Network surge protection
- 7. Input
- 8. Input surge protection
- 9. Intelligent slot
- 10. Ground

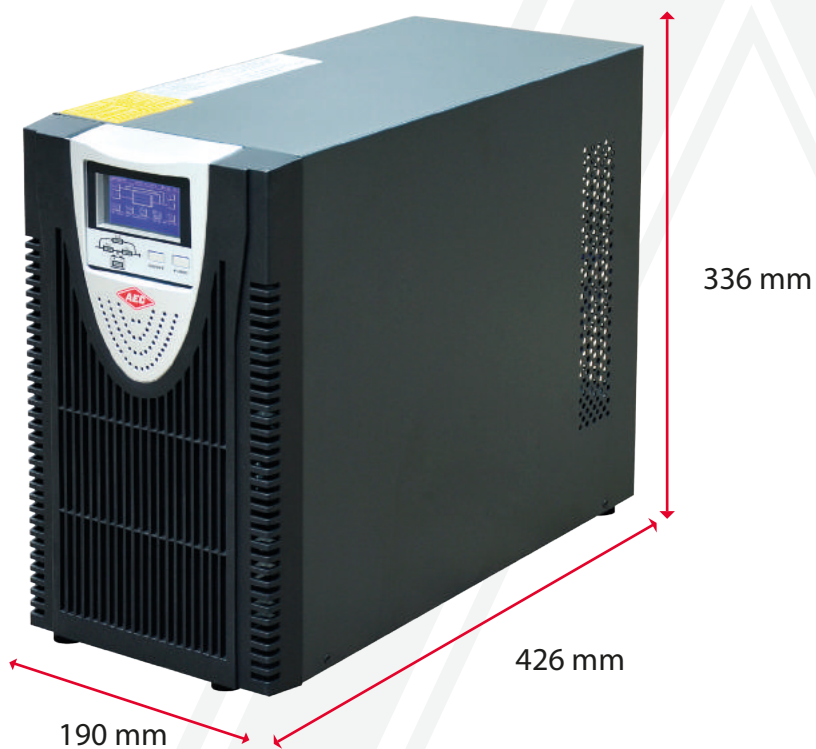


Front panel



IST3 1kVA TOWER

IST3 2-3kVA TOWER





IST3

Model	IST3010	IST3010-L	IST3020	IST3020L	IST3030	IST3030-L
INPUT						
Capacity	1KVA/0,9KW		2KVA/1,8KW		3KVA/2,7KW	
Cold Start	Yes, default frequency=50Hz or settable					
Acceptable Input voltage	110VAC - 288VAC					
	100% load @ > 176VAC					
	80% load @ > 154VAC					
	70% load @ > 132VAC					
	50% load @ >110VAC					
Phase	single phase in, single phase out					
Input Power Factor	≥0,95					
Input current	4,8A		9,6A		14,4A	
Input Frequency range	40-70Hz					
Frequency adaptable	Si					
OUTPUT						
Output PF	0,9					
Nominal voltage	220/230/240VAC					
Waveform	pure sine wave					
Voltage regulation	± 1%					
THD	<1% THD, linear load					
	<3% THD, non linear load					
Frequency online	± 5Hz					
Frequency battery mode	± 0,1Hz					
efficiency (line mode)	92%					
ECO mode	98%					
Transfer time	0 ms (line mode to battery), 2 ms (inverter to bypass)					
Charger	1A	8A	1A	8A	1A	8A
Overload capability (line mode)	105%-130% transfer to bypass after 1 min					
	150% transfer to bypass after 30 secs					
Crest ratio	3 : 1					
BATTERY						
Battery type	sealed lead acid maintenance free battery					
Battery voltage Vdc	36		72		96	
INDICATOR & ALARM						
Display	LED + LCD					
INTERFACE						
Communication	DB9 port/RS232, dry contact (optional), USB port (optional), SNMP (optional)					
MECHANICAL						
Noise	< 47dB		< 50dB		< 50dB	
W*L*H (mm)	145*353*222		190*374*336		190*428*336	
Net weight (kg)	12	6	21	11	26	12